Claims

WHAT IS CLAIMED IS:

1. A method of resource lookup comprising:

receiving a resource identifier from an application indicating a resource to be utilized by the application;

locating the resource based on the resource identifier and code generated during compilation of the application; and

returning the resource to the application.

2. The method of claim 1, wherein receiving a resource identifier from an application comprises receiving the resource identifier via an Application Program Interface.

3. The method of claim 2, wherein the resource identifier is a string representing a name of the resource.

4. The method of claim 1, wherein the code generated during compilation of the application comprises a switch statement having one or more cases.

5. The method of claim 4, wherein each case of the switch statement comprises resource information identifying the resource indicated by the resource identifier.

6. The method of claim 1, wherein returning the resource to the application comprises returning an object that is an instance of a class of the resource.

7. The method of claim 1, wherein returning the resource comprises returning an open stream to the resource.

8. A system for resource lookup comprising:

a processor; and

a memory coupled with and readable by the processor and containing a series of instructions that, when executed by the processor, cause the processor to receive a resource identifier from an application indicating a resource to be utilized by the application, locate the resource based on the resource identifier and code generated during compilation of the application, and return the resource to the application.

9. The system of claim 8, wherein receiving a resource identifier from an application comprises receiving the resource identifier via an Application Program Interface.

10. The system of claim 9, wherein the resource identifier is a string representing a name of the resource.

11. The system of claim 8, wherein the code generated during compilation of the application comprises a switch statement having one or more cases.

12. The system of claim 11, wherein each case of the switch statement comprises resource information identifying the resource indicated by the resource identifier.

13. The system of claim 8, wherein returning the resource to the application comprises returning an object that is an instance of a class of the resource.

14. The system of claim 8, wherein returning the resource comprises returning an open stream to the resource.

15. A machine-readable medium encoding a computer program of instructions for executing a computer process for resource lookup by a computer system, said computer process comprising:

receiving a resource identifier from an application indicating a resource to be utilized by the application;

locating the resource based on the resource identifier and code generated during compilation of the application; and

returning the resource to the application.

16. The machine-readable medium of claim 15, wherein receiving a resource identifier from an application comprises receiving the resource identifier via an Application Program Interface.

17. The machine-readable medium of claim 16, wherein the resource identifier is a string representing a name of the resource.

18. The machine-readable medium of claim 15, wherein the code generated during compilation of the application comprises a switch statement having one or more cases.

19. The machine-readable medium of claim 18, wherein each case of the switch statement comprises resource information identifying the resource indicated by the resource identifier.

20. The machine-readable medium of claim 15, wherein returning the resource to the application comprises returning an object that is an instance of a class of the resource.

21. The machine-readable medium of claim 15, wherein returning the resource comprises returning an open stream to the resource.